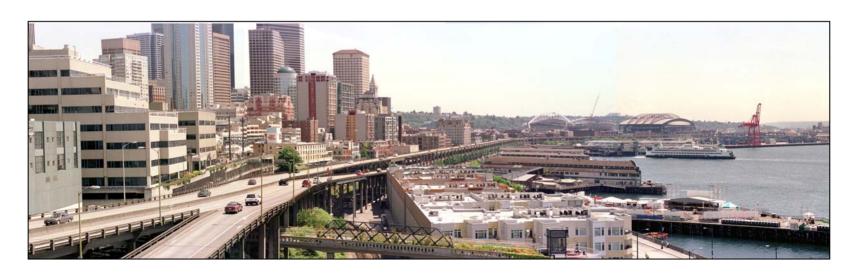
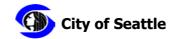


**An Urgent Need: A Time for Action** 

# The Alaskan Way Viaduct (State Route 99) and the Seawall are at risk...And so is the region's economy









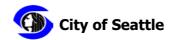


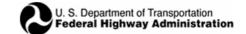
**An Urgent Need: A Time for Action** 

# **An Urgent Problem**

- The viaduct and seawall are old and seismically at risk
- A failure of either structure could cause failure of the other
- Gribbles (wood lice) have damaged the seawall structure
- Even something far less than a catastrophic failure could close the viaduct permanently
- Inspections have revealed that the viaduct has moved.

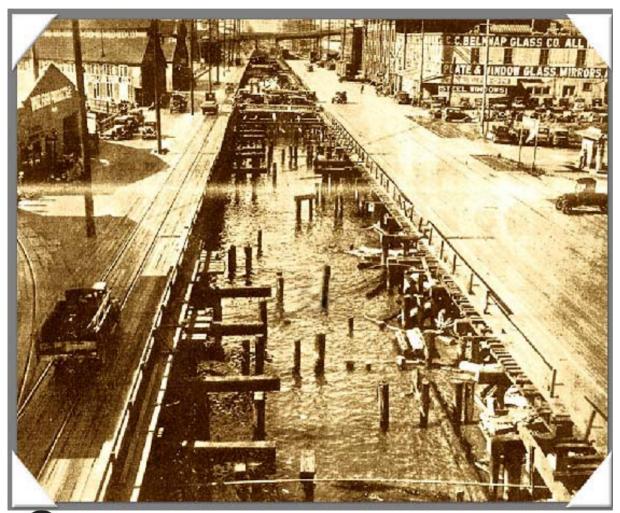






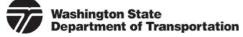


# **An Urgent Need: A Time for Action**



# Alaskan Way 1931

- Seawall built in stages1915-1936
- Seawall and viaduct rest on fill

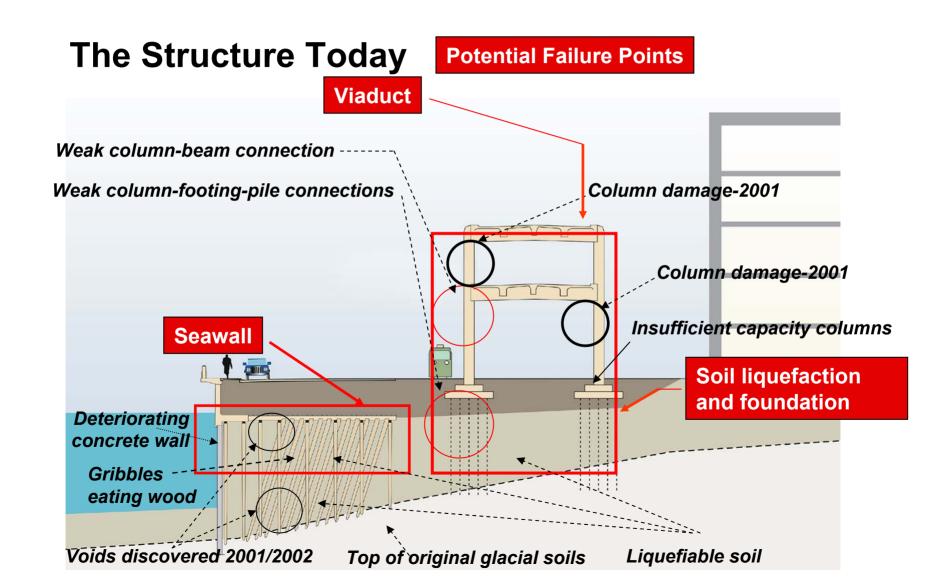








**An Urgent Need: A Time for Action** 

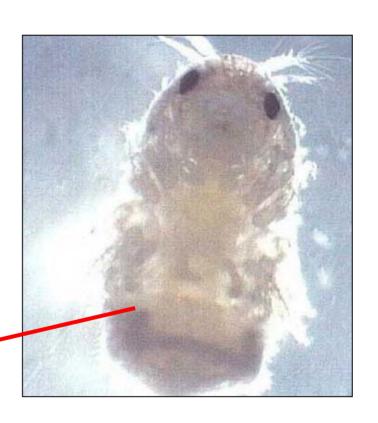




An Urgent Need: A Time for Action

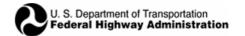
# Gribbles are eating the seawall's wooden supports





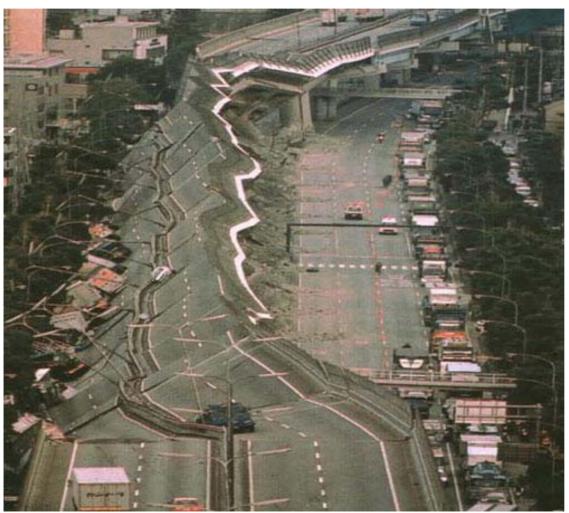








# **An Urgent Need: A Time for Action**



# Bad Things Do Happen Kobe 1995









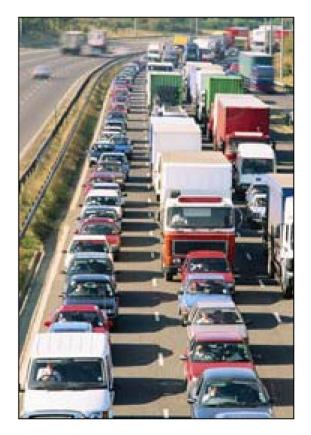
**An Urgent Need: A Time for Action** 

# Effects of a Viaduct and Seawall Failure

- Total gridlock on streets adjacent to viaduct and enough traffic fills two freeway lanes in each direction on I-5
- Congestion on freeways and arterials through downtown Seattle jumps by nearly 40 percent.
- Workers face immediate, dramatic increase in traffic snarls
- Freight and rail disrupted











**An Urgent Need: A Time for Action** 

# Effects of a Viaduct and Seawall Failure

- Ferry users lose direct service
- Businesses along waterfront disrupted
- Disruption or failure of:
  - > Lights
  - Power
  - Telecommunications
  - Natural gas
  - > Sewers
  - Water











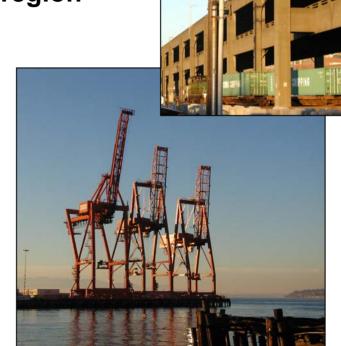
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# Effects of a Viaduct and Seawall Failure

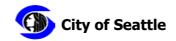
**Economic growth slowed throughout the region** 

The Everett to Tacoma corridor is the economic heart of the state, accounting for:

- More than 50 percent of the jobs in Washington State
- More than 50 percent of the state retail tax
- More than 50 percent of the state gas tax











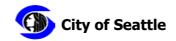
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# **Our Response**



- State repaired major damage
- Emergency plan developed
- City and State moved fast to develop options









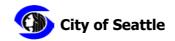
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# **Current Options**

- 1. Rebuild/Retrofit
- 2. Aerial
- 3. Tunnel
- 4. Surface









**An Urgent Need: A Time for Action** 

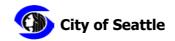


# Project size and costs reduced

- Focus on critical waterfront area
- Reuse Battery Street Tunnel

   (instead of building new tunnels under Belltown)
- No midtown ramps in some options (access shifted to other locations)
- No new Spokane Street interchange
- No improvements south of Holgate Street

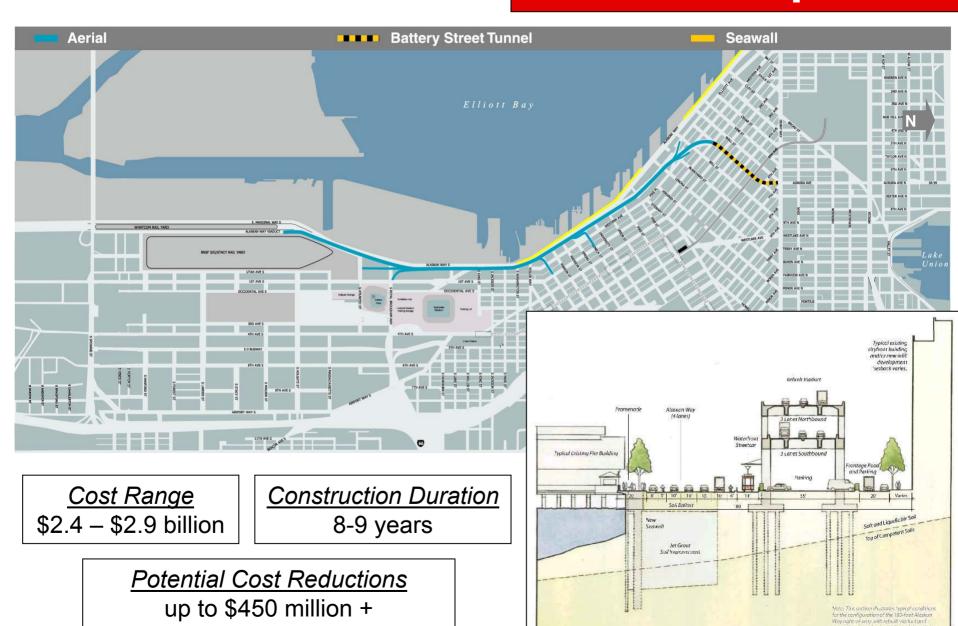






# **Rebuild Option**

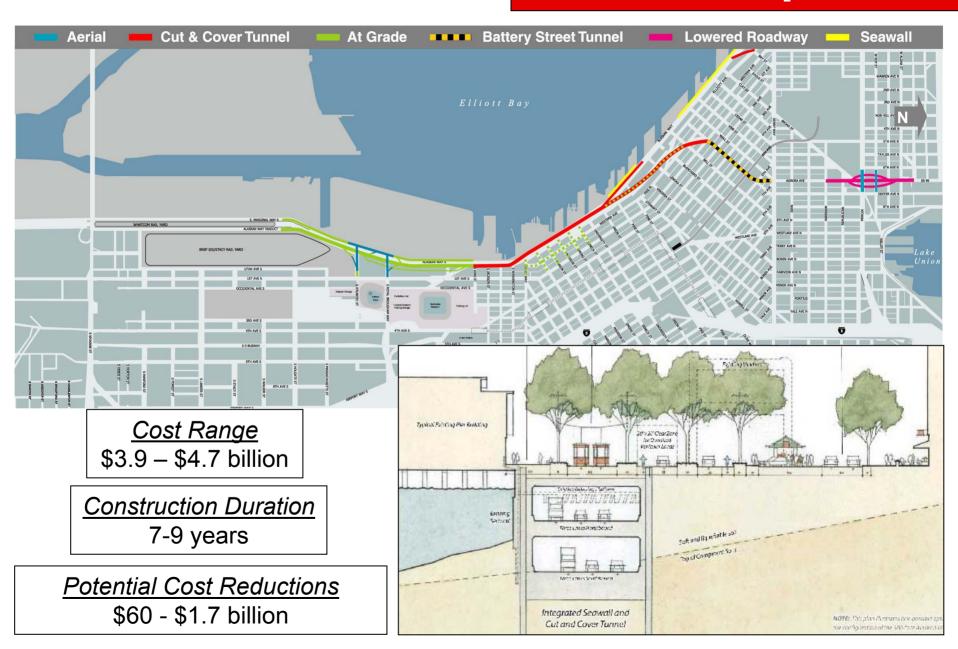
til construction in the Central Viaterfront



# Aerial Option (wider than existing viaduct)



# **Tunnel Option**



- New concept under development
- Relies on surface facilities
  - Existing City streets
  - Reconfigured Alaskan Way surface street

# **Surface Option**

<u>Cost Range</u> TBD

Construction Duration
TBD





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# We Can Begin to Fix the "Mercer Mess"



- Reconnects Mercer, Roy and other streets
- Removes barriers between Seattle Center and South Lake Union for pedestrians and vehicles



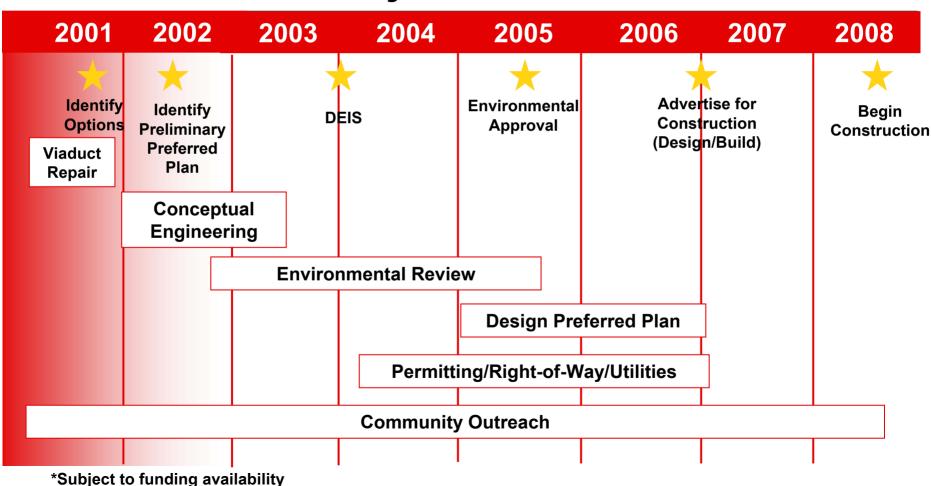






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# **Project Schedule\***





**An Urgent Need: A Time for Action** 

# **Funding**

- Current Funding: \$1M State (remaining),
   \$5M City of Seattle
  - Completes at-grade and retrofit analysis
  - Completes design plans and traffic analysis
  - Project shutdown: December 2003









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# **\$15 Million Needed in 2003-2005**

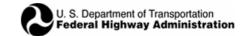


# What the Moneys Buys:

- Complete EIS
- Continue Engineering
- Select Design Plan
- "Green Light" for Project









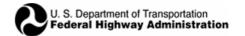
**An Urgent Need: A Time for Action** 

Let's move before the viaduct moves again











An Urgent Need: A Time for Action

# For Information:

**Project Hotline: 206-269-4421** 

**Project Website:** 

www.wsdot.wa.gov/projects/viaduct

E-mail: viaduct@wsdot.wa.gov

Mayor's Website:

www.seattle.gov/mayor/viaduct





